Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\

Quantitation Report (Not Reviewed)

Data File : VU031435.D
Acq On : 23 Apr 2019 14:03
Operator : JC/SP
Sample : K2477-01DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X35DL

Quant Time: Apr 24 06:04:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	664999	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	628462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	255932	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	265374	49.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.50%			
7) Chloroethane-d5	1.68	69	215092	52.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.84%			
11) 1,1-Dichloroethene-d2	2.27	63	374254	39.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.86%			
21) 2-Butanone-d5	4.19	46	435196	108.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.03%			
24) Chloroform-d	4.64	84	436946	50.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.78%			
26) 1,2-Dichloroethane-d4	5.31	65	278501	54.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.30%			
32) Benzene-d6	5.34	84	922242	50.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.33	67	305902	52.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.72%			
41) Toluene-d8	7.56	98	788559	48.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.26%			
43) trans-1,3-Dichloropropene-	7.85	79	127811	48.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.02%			
47) 2-Hexanone-d5	8.31	63	303287	103.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.62%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	404330	51.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.04%			
64) 1,2-Dichlorobenzene-d4	11.86	152	264862	50.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.26%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	16578	2.335	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3557	0.864	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2791	0.689	ug/L #	1
34) Trichloroethene	6.18	95	804649	167.054	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	4957	0.793	ug/L #	80
46) Tetrachloroethene	8.23	164	23966	7.016	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	31069	5.196	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quantitation Report (Not Reviewed)

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Operator : JC/SP
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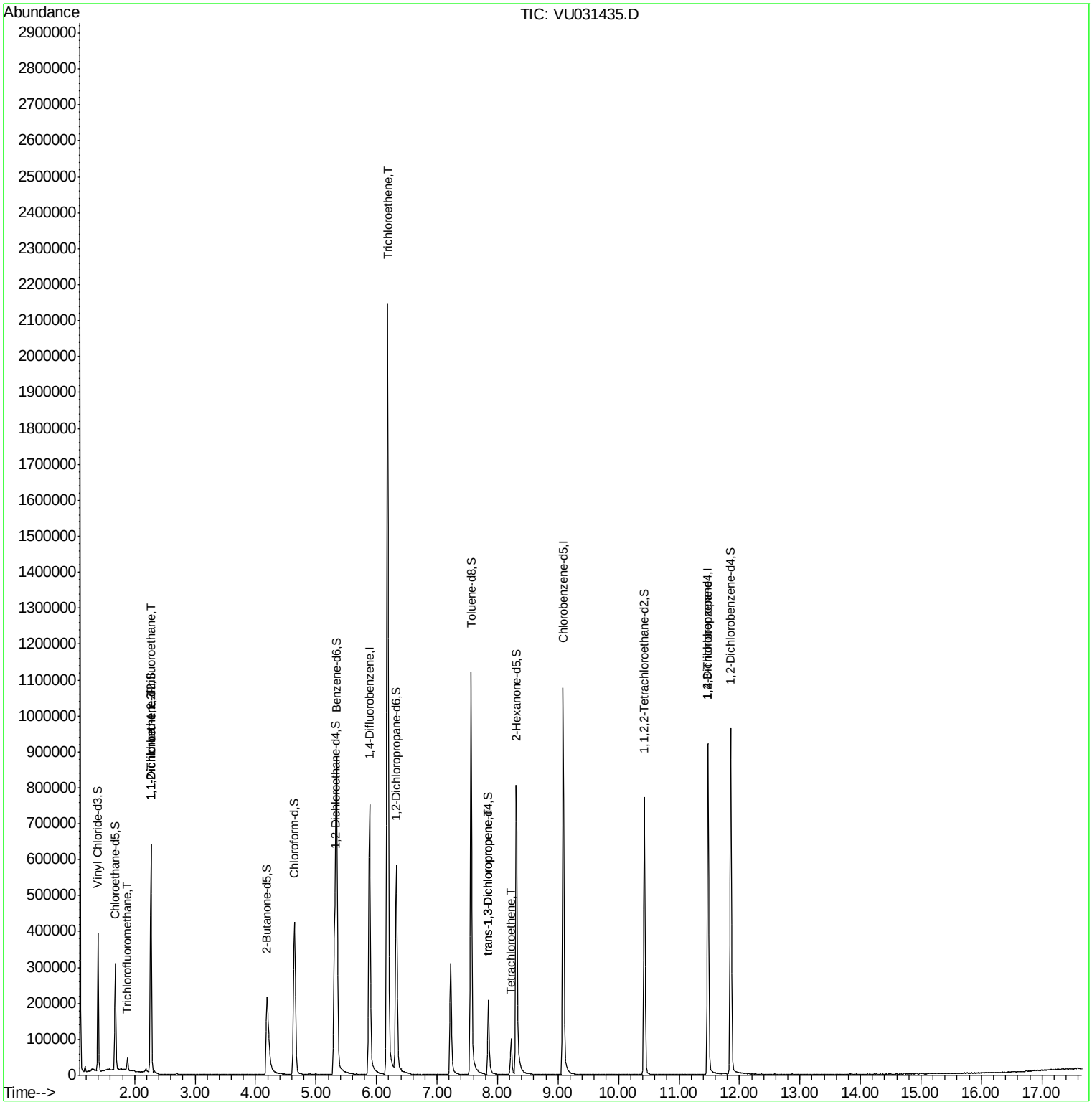
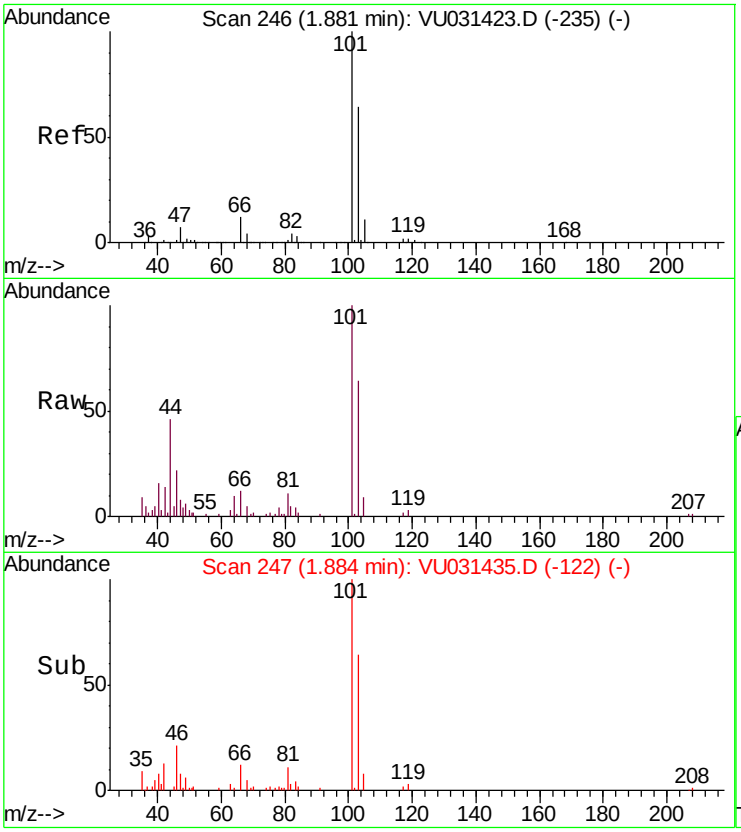
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X35DL

Quant Time: Apr 24 06:04:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration



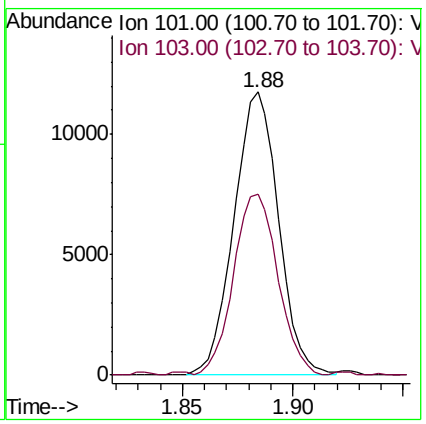


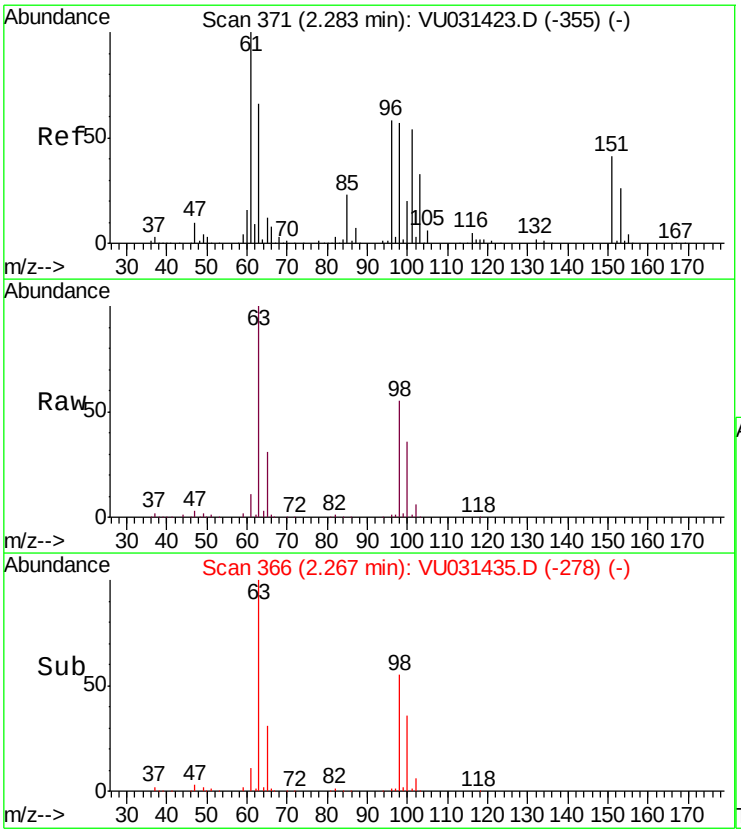
#9
Trichlorofluoromethane
Concen: 2.335 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031435.D
Acq: 23 Apr 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
C0X35DL

Tgt Ion:101 Resp: 16578

Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.4	77.2

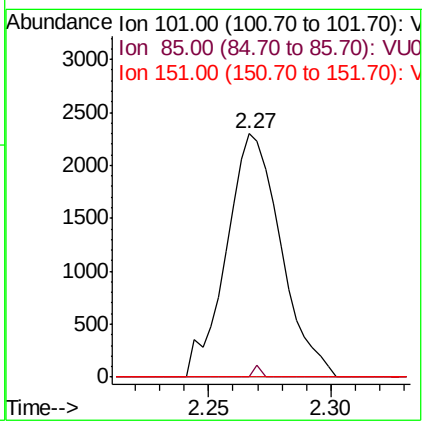


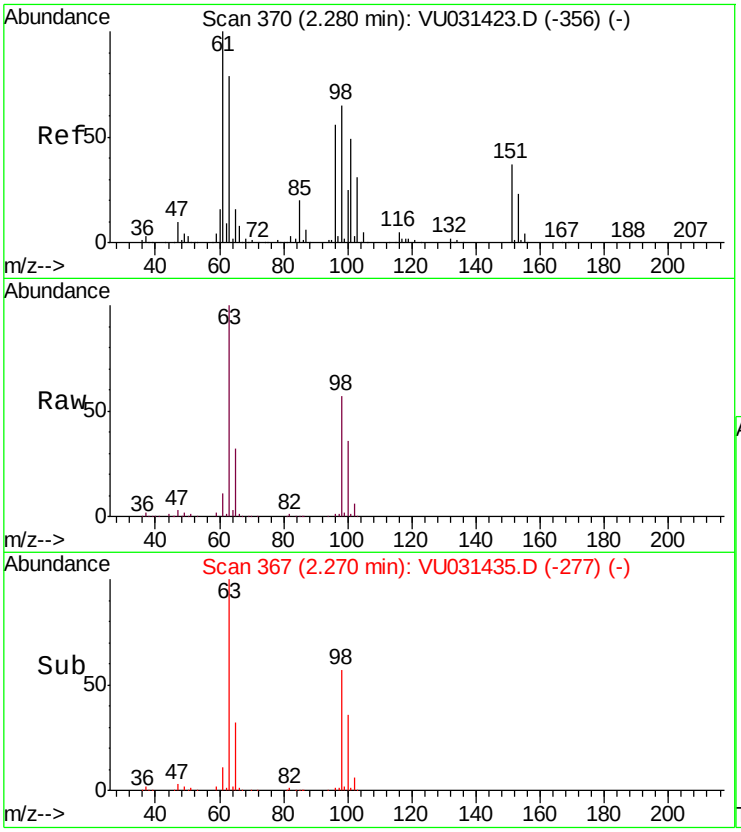


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.864 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU031435.D
Acq: 23 Apr 2019 14:03

Tgt Ion:101 Resp: 3557

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.1	49.7#
151	1.3	61.4	92.0#



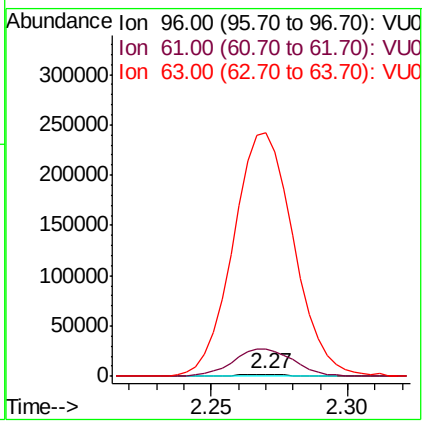


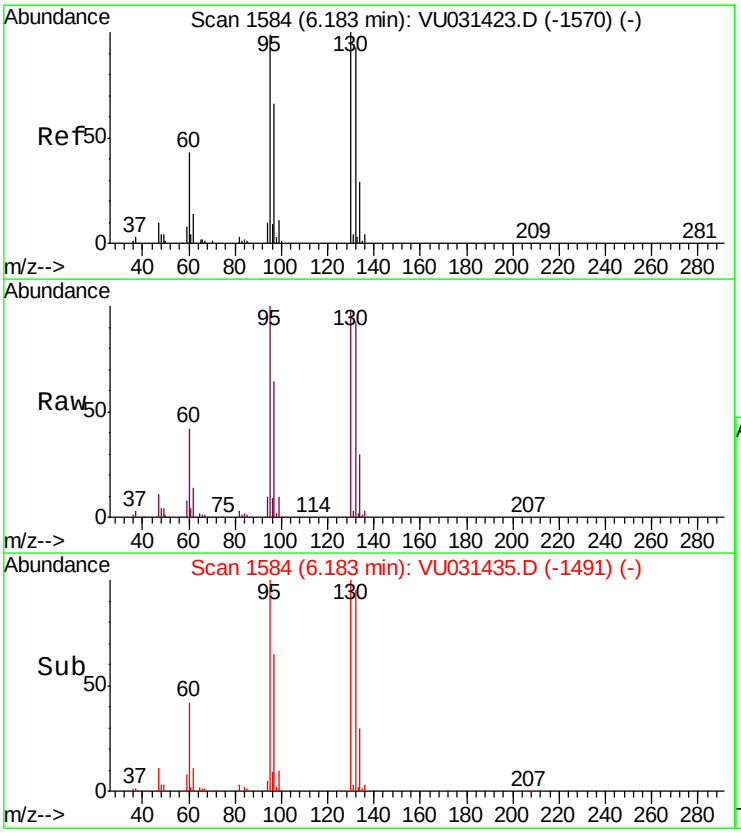
#12
1,1-Dichloroethene
Concen: 0.689 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031435.D
Acq: 23 Apr 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
C0X35DL

Tgt Ion: 96 Resp: 2791

Ion	Ratio	Lower	Upper
96	100		
61	1287.9	118.9	220.9#
63	11659.3	99.3	184.3#

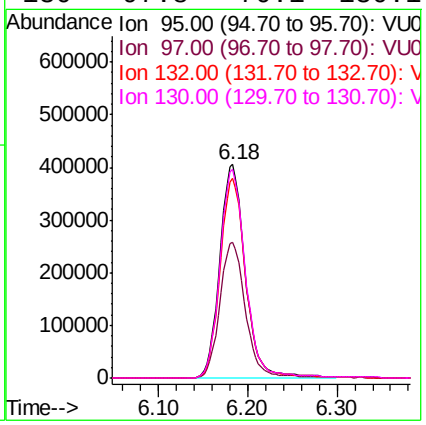


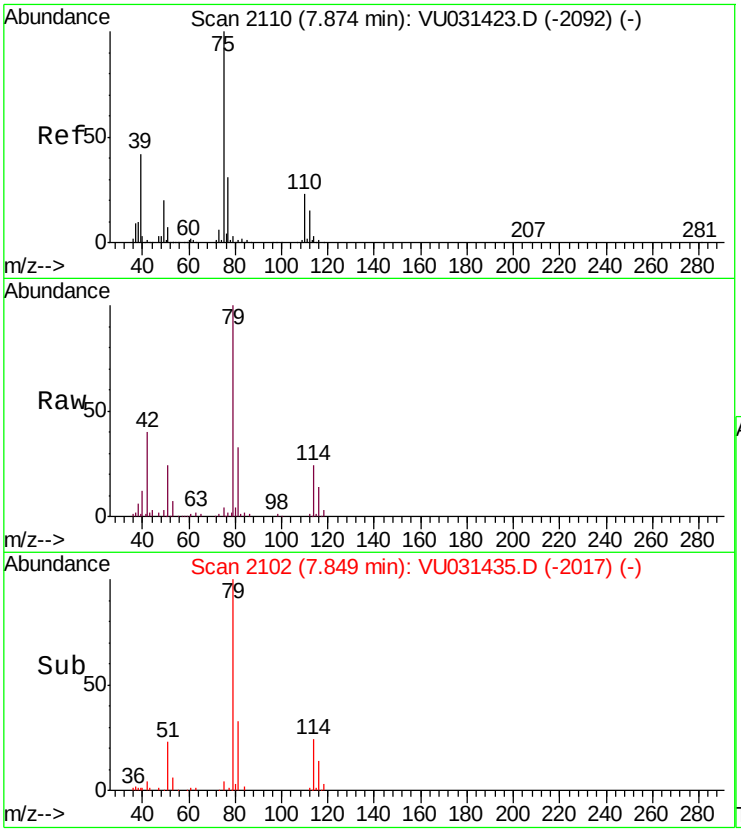


#34
Trichloroethene
Concen: 167.054 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031435.D
Acq: 23 Apr 2019 14:03

Tgt Ion: 95 Resp: 804649

Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.9	83.5
132	93.4	68.0	126.2
130	97.8	70.1	130.1



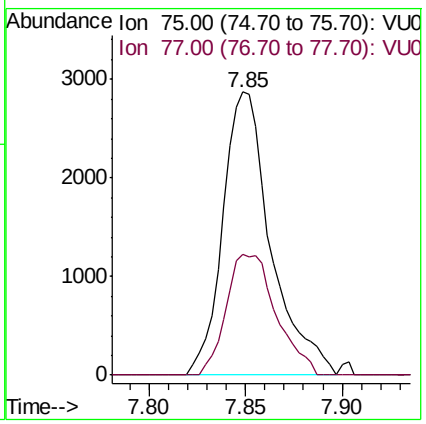


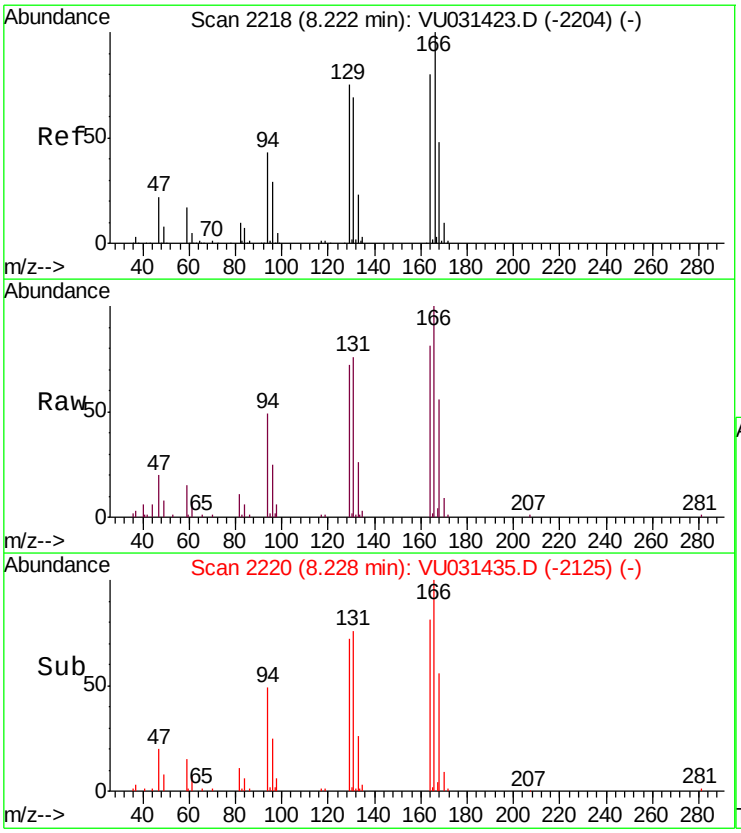
#44
trans-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031435.D
Acq: 23 Apr 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
C0X35DL

Tgt Ion: 75 Resp: 4957

Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.3	41.3#

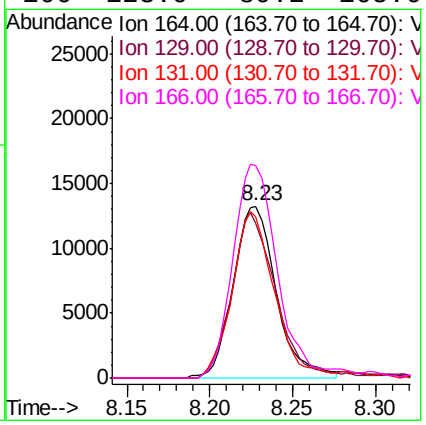


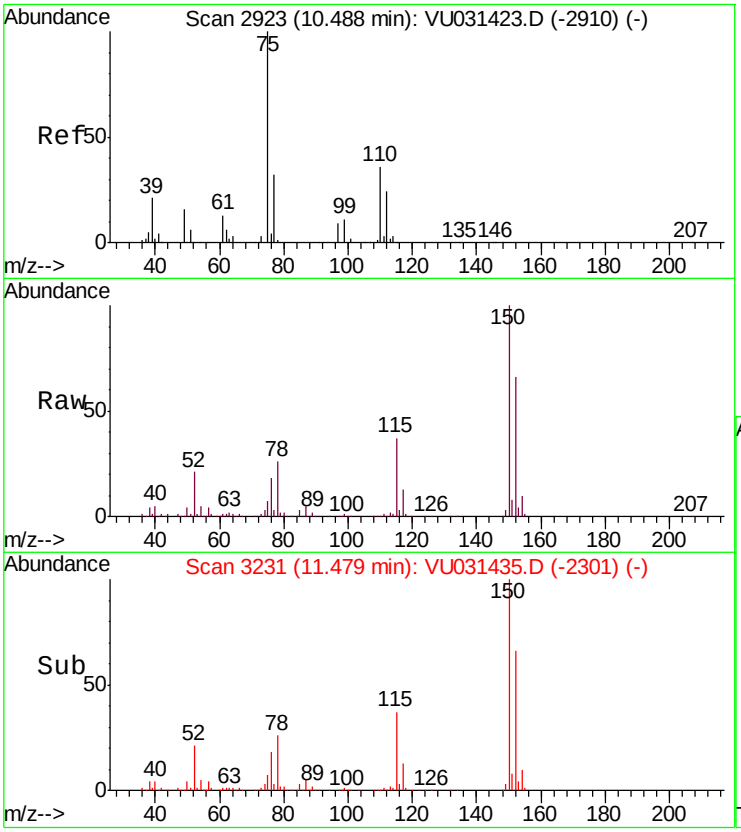


#46
Tetrachloroethene
Concen: 7.016 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031435.D
Acq: 23 Apr 2019 14:03

Tgt Ion:164 Resp: 23966

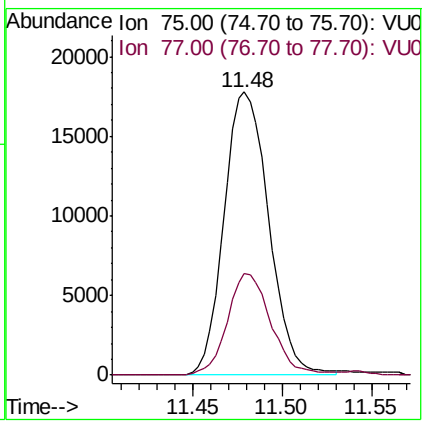
Ion	Ratio	Lower	Upper
164	100		
129	89.7	65.2	121.0
131	93.7	61.4	114.0
166	123.9	89.2	165.6





#59
1,2,3-Trichloropropane
Concen: 5.196 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031435.D
Acq: 23 Apr 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
C0X35DL

Tgt Ion: 75 Resp: 31069

Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.6	38.4